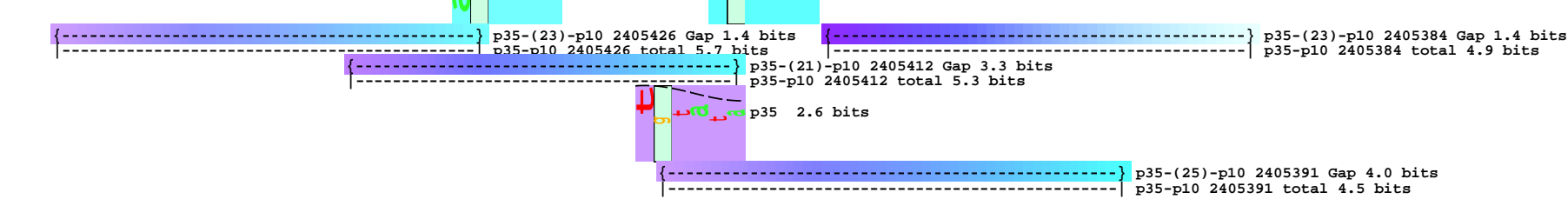
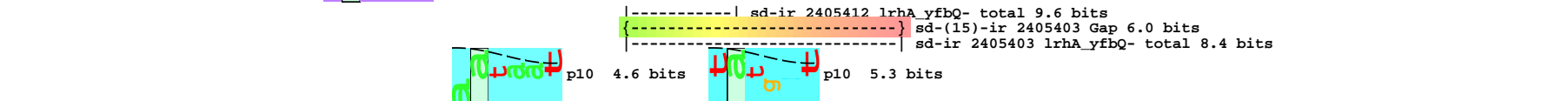
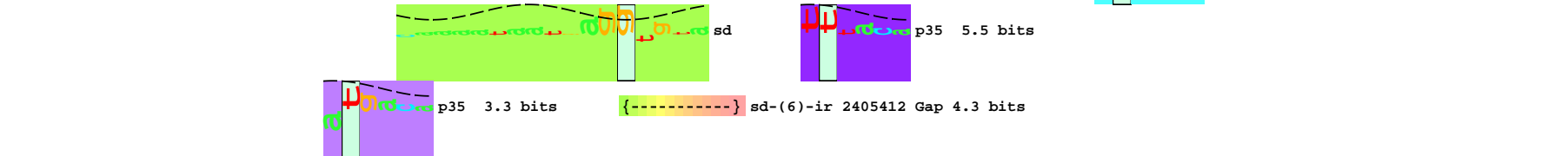
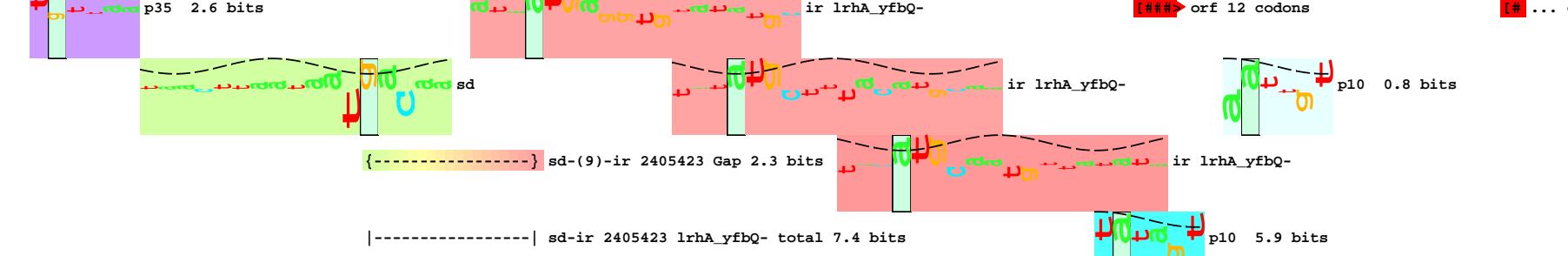


piece 1, NC\_000913, lrhA\_yfbQ-, config: linear, direction: -, begin: 2405612, end: 2404644

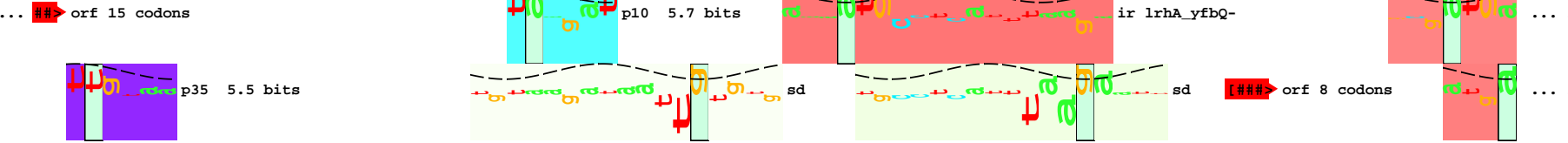
5' <sup>\*2405610 \*</sup> t a a t t t g c t g g a t t t t t c a a t g g g g g a c a t g a a t c t t g a c c t t t t t t g c t g t t a t c g c c a c t c c c t g c c g t g g a a g t c a g c 3'  
 -fMet - leu - leu - ser - pro - leu - pro - ala - val - glu - val - ser -  
 - asn - leu - leu - asp - phe - ser - met - gly - asp - met - asn - leu - phe - phe - cys - cys - tyr - arg - his - ser - leu - pro - trp - lys - ser - ala -  
 - ile - cys - trp - ile - phe - phe - gln - trp - gly - thr - -fMet - thr - phe - phe - ala - val - ile - ala - thr - pro - cys - arg - gly - ser - gln - leu -

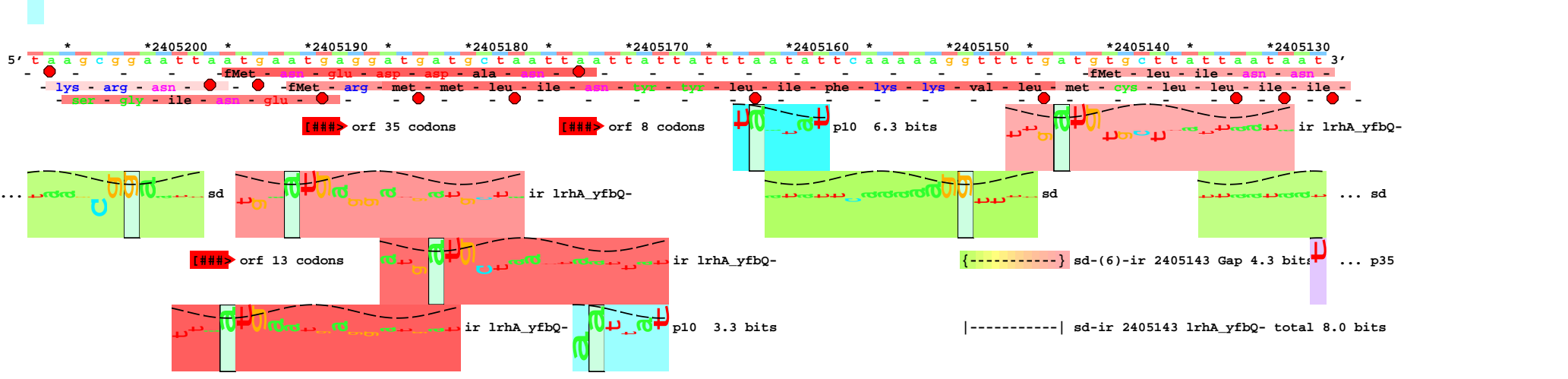
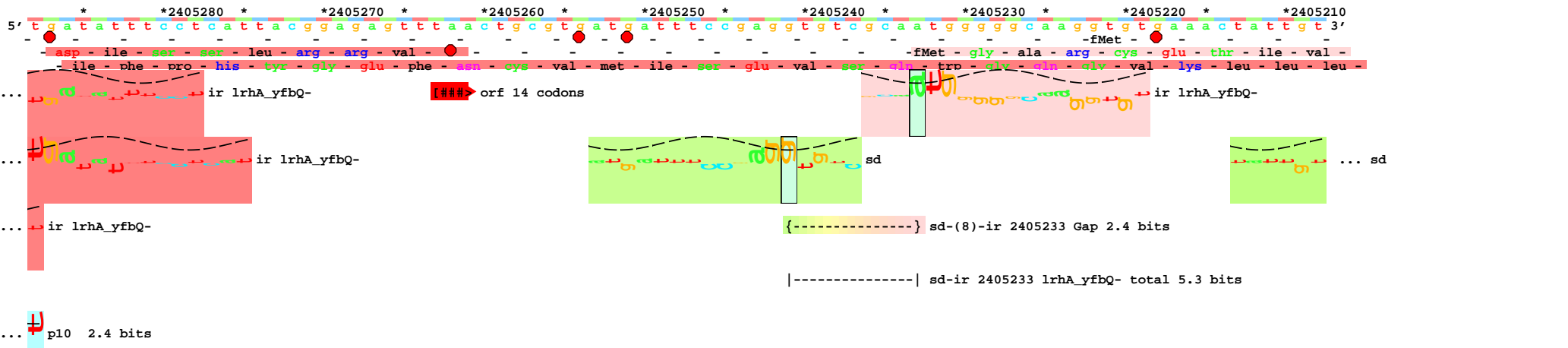
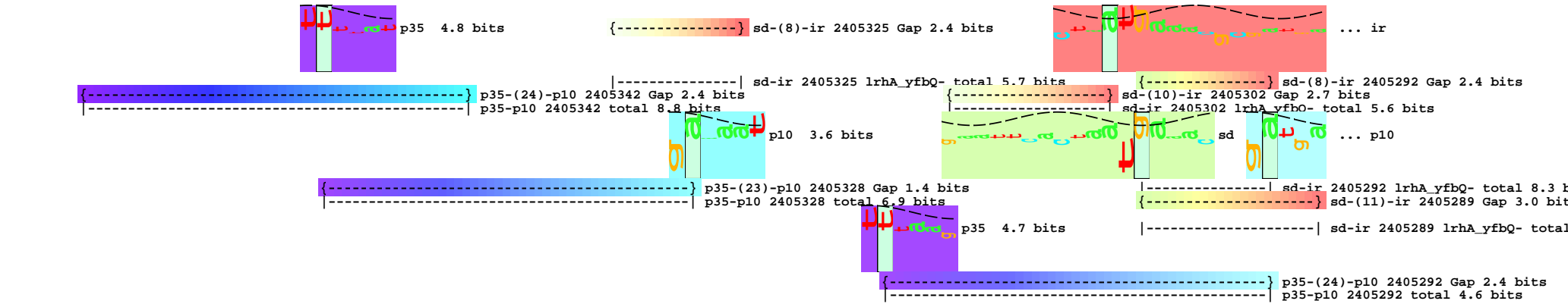
5' <sup>\*2405530 \*</sup> t t a g a a c a a t g t a c t c c c c a g g a c g g t g t t t t g a a g g t c t g c a g a a t a a g a t t t t g c c a g a g g g g a a g g c t c g a t t g t g c 3'  
 - leu - glu - gln - cys - thr - pro - pro - gly - arg - cys - phe - glu - gly - leu - gln - asn - lys - ile - leu - pro - glu - gly - lys - ala - arg - leu - cys -  
 -fMet - lys - val - cys - arg - ile - arg - phe - cys - gln - arg - gly - arg - leu - asp - cys - ala -  
 - arg - thr - met - tyr - ser - pro - arg - thr - val - phe - -fMet - - - -fMet - leu -

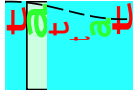
5' <sup>\*2405450 \*</sup> t g t t a a t a a c t t a a t a t g a c a a a a t a a t g a g g t g t a t a t g c t t t a c a t g c a a t g t t a t a t a g t g a a t t g t t c t g a t t c t t 3'  
 -cys - val - asn - asn - leu - ile - met - thr - lys - -fMet - arg - cys - ile - cys - phe - thr - cys - asn - val - ile - -fMet - leu - tyr - ser - glu - leu - phe -  
 - leu - ile - thr - -fMet - tyr - met - leu - tyr - met - gln - cys - tyr - ile - val - asn - cys - ser - asp - ser - -fMet - leu -



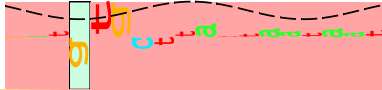
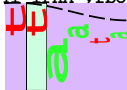
5' <sup>\*2405360 \*</sup> a a t t g t a a g t c t g g t t t t t t a t c t g t a a g a t a a t t g t g t g a a a a t g c c t c a t t t t a a g a a t t c a c t a a t g a a a c g c g a t g a 3'  
 -fMet - -fMet - cys - glu - asn - ala - ser - phe - lys - asn - ser - leu - met - lys - arg - asp - asp -  
 -fMet - -fMet - lys - met - pro - his - leu - arg - ile - his - -fMet - met -




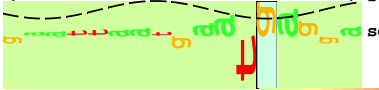


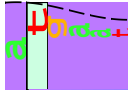
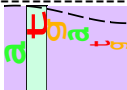
{-----} sd-(6)-ir 2405195 Gap 4.3 bits  p10 7.1 bits

|-----| sd-ir 2405195 lrhA\_yfbQ- total 10.9 bits  
{-----} sd-(10)-ir 2405191 Gap 2.7 bits  
|-----| sd-ir 2405191 lrhA\_yfbQ- total 9.5 bits

 ir lrhA\_yfbQ-  
{-----} sd-(8)-ir 2405141 Gap 2.4 bits  
|-----| sd-ir 2405141 lrhA\_yfbQ- total 10.3 bits  
 p35 1.8 bits

{-----} ... p35-(24)-p10 2405109 Gap  
|-----} ... p35-p10 2405109 total 5.0

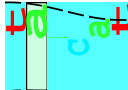
 ir lrhA\_yfbQ-  
{-----} sd-(16)-ir 2405185 Gap 6.4 bits  
|-----| sd-ir 2405185 lrhA\_yfbQ- total 7.5 bits  
 sd  
{-----} sd-(7)-ir 2405182 Gap 3.7 bits  
|-----| sd-ir 2405182 lrhA\_yfbQ- total 9.1 bits


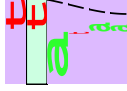
 p35 3.5 bits  
{-----} p35-(22)-p10 2405172 Gap 2.3 bits  
|-----} p35-p10 2405172 total 4.4 bits  
{-----} p35-(25)-p10 2405169 Gap 4.0 bits  
|-----} p35-p10 2405169 total 6.5 bits  
 p35 1.6 bits  
{-----} p35-(22)-p10 2405162 Gap 2.3 bits  
|-----} p35-p10 2405162 total 5.6 bits

\*2405120 \* \*2405110 \* \*2405100 \* \*2405090 \* \*2405080 \* \*2405070 \* \*2405060 \* \*2405050 \*  
5' a g a a g a t t a c t t t g c c t a a c a t a a c a t a a c t t t g c a t c a g a t a a t t c g c a a t g a c c c t t a t a a a t a a a g g t t t t t g g g g t 3'  
- arg - arg - leu - leu - cys - leu - thr - - - -fMet - his - gln - ile - ile - arg - asn - asp - pro - tyr - lys - - -  
- glu - asp - tyr - phe - ala - - - -fMet - pro - asn - ile - thr - - - -fMet - thr - leu - ile - asp - lys - arg - phe - leu - gly - - -

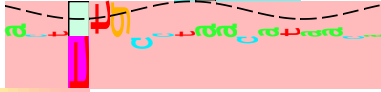
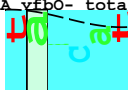
[###] orf 28 codons [###] orf 6 codons

...  sd [###] orf 13 codons

...  p35 1.4 bits  p10 5.6 bits

 sd ... p10  
 p35 1.8 bits {-----} ... sd-(14)-ir 2405042 Gap

|-----} ... sd-ir 2405042 lrhA\_yfbQ-

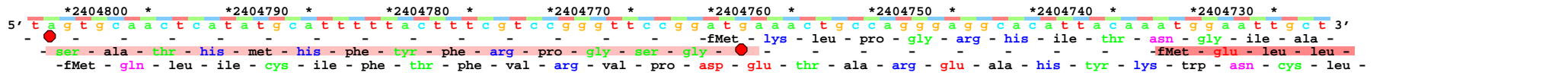
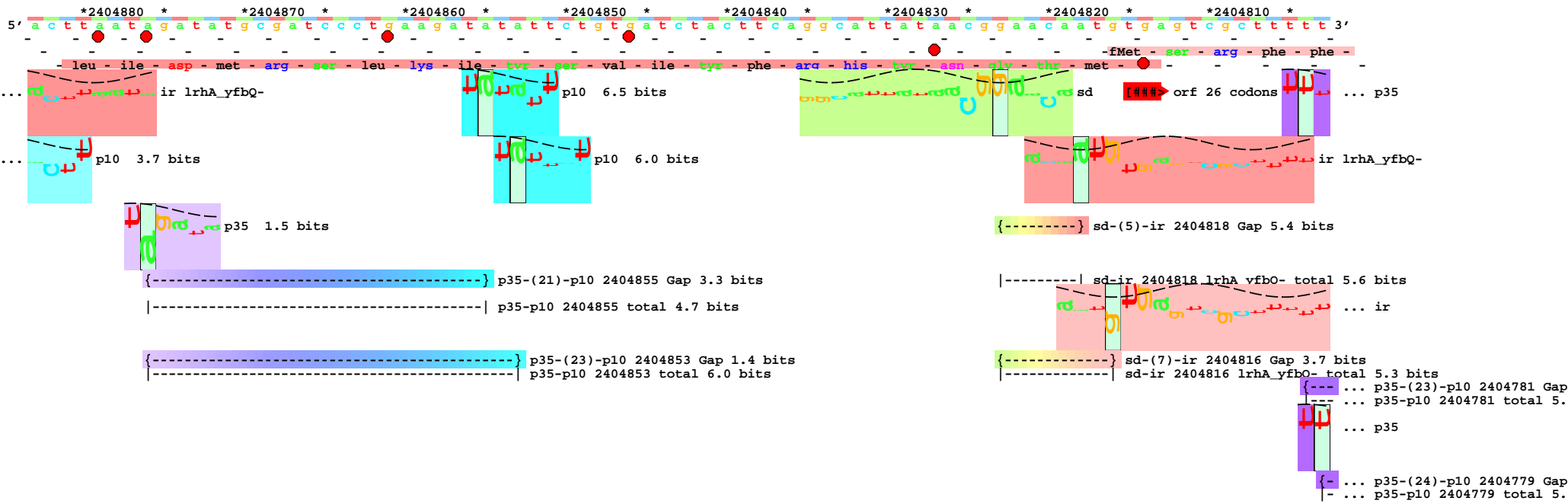
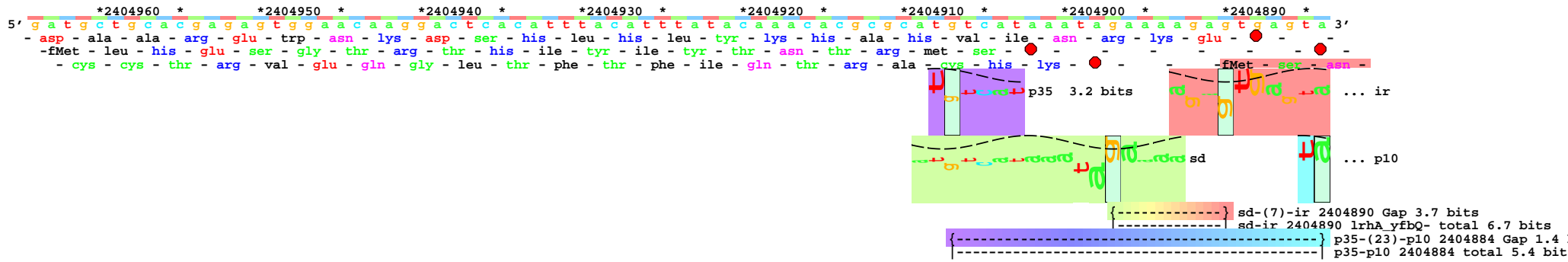
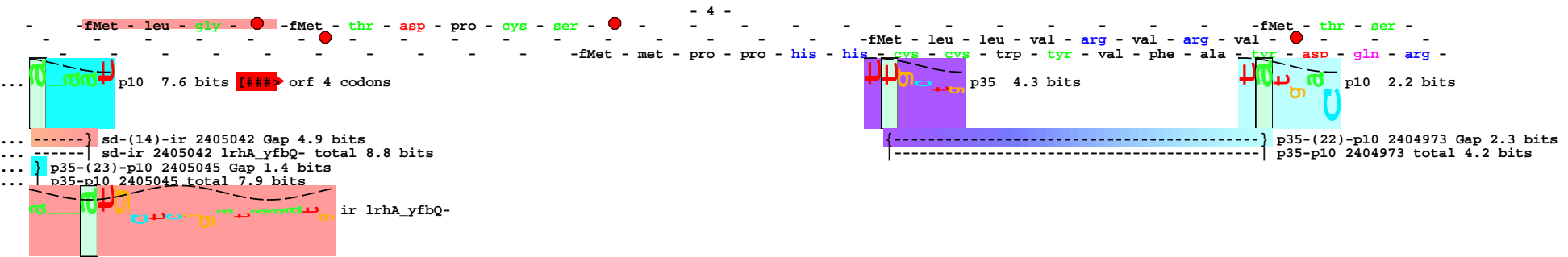
 ir lrhA\_yfbQ-  
{-----} sd-(7)-ir 2405115 Gap 3.7 bits  
|-----| sd-ir 2405115 lrhA\_yfbQ- total 6.3 bits  
 p10 5.6 bits

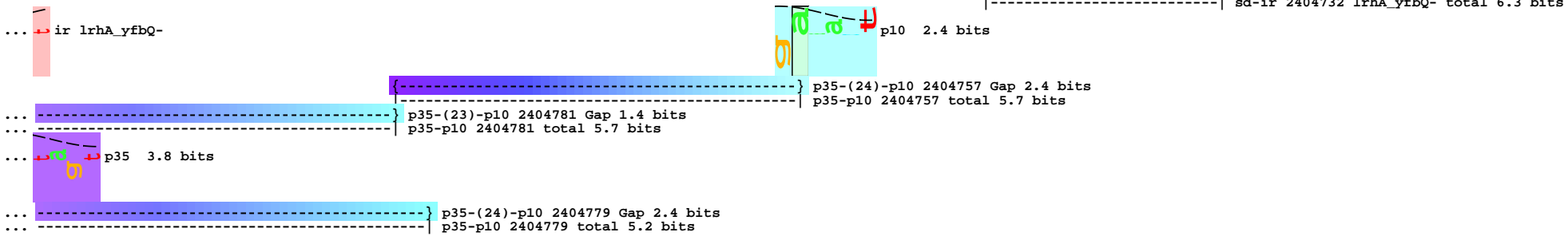
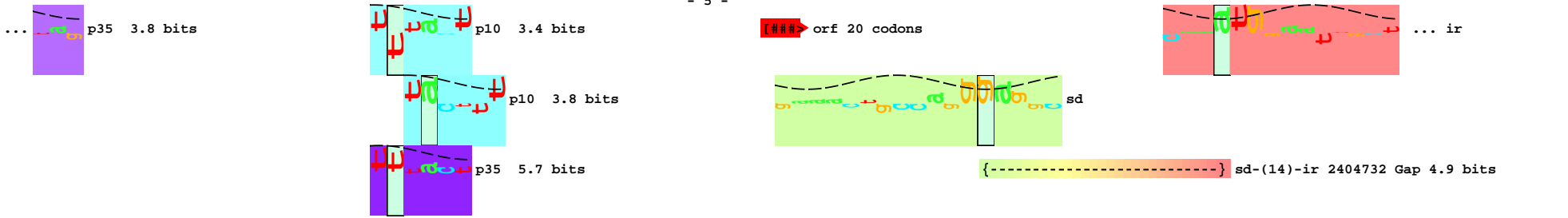
{-----} ... p35-(23)-p10 2405045 Gap

|-----} ... p35-p10 2405045 total 7.9

{-----} p35-(22)-p10 2405104 Gap 2.3 bits  
|-----} p35-(24)-p10 2405109 Gap 2.4 bits  
|-----} p35-p10 2405109 total 5.0 bits  
|-----} p35-p10 2405104 total 4.7 bits

\*2405040 \* \*2405030 \* \*2405020 \* \*2405010 \* \*2405000 \* \*2404990 \* \*2404980 \* \*2404970 \*  
5' a a a a t g c t c g g a t a a a t g a c g g a t c c c t g c t c t t g a t g c c g c c t c a c c a t t g c t g t t g g t a c g t g t t c g c g t a t g a c c a g c 3'





5' \*2404720 \* \*2404710 \* \*2404700 \* \*2404690 \* \*2404680 \* \*2404670 \* \*2404660 \* \*2404650 \*

- cys - leu - cys - val - his - ser - ile - asn - gln - leu - ser - met - ser - arg - gln - -fMet - ile - ile - tyr - asp - lys - cys - lys - ser - ser -

- val - cys - val - cys - thr - ala - leu - thr - ser - ser - val - -fMet - ile - ser - ala - -arg -

- phe - val - cys - ala - gln - his - -fMet - gln - ile - val -

... ir lrhA\_yfbQ- [###> orf 16 codons] [-----] ... NC\_000913.lrhA

